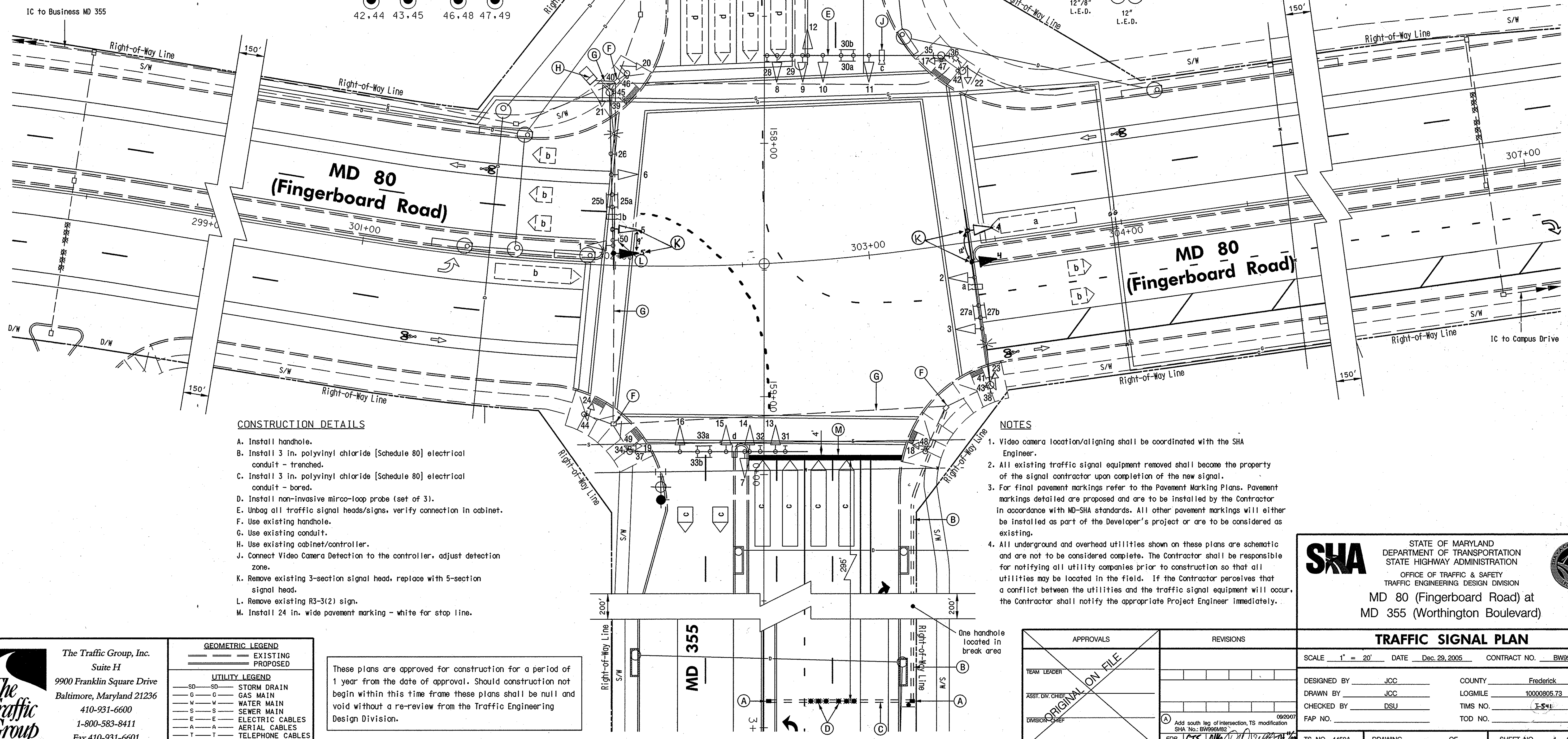


NOTE:  
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.  
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



- CONSTRUCTION DETAILS**
- A. Install handhole.
  - B. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
  - C. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
  - D. Install non-invasive micro-loop probe (set of 3).
  - E. Unbag all traffic signal heads/signs, verify connection in cabinet.
  - F. Use existing handhole.
  - G. Use existing conduit.
  - H. Use existing cabinet/controller.
  - J. Connect Video Camera Detection to the controller, adjust detection zone.
  - K. Remove existing 3-section signal head, replace with 5-section signal head.
  - L. Remove existing R3-3(2) sign.
  - M. Install 24 in. wide pavement marking - white for stop line.

- NOTES**
- 1. Video camera location/aligning shall be coordinated with the SHA Engineer.
  - 2. All existing traffic signal equipment removed shall become the property of the signal contractor upon completion of the new signal.
  - 3. For final pavement markings refer to the Pavement Marking Plans. Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with MD-SHA standards. All other pavement markings will either be installed as part of the Developer's project or are to be considered as existing.
  - 4. All underground and overhead utilities shown on these plans are schematic and are not to be considered complete. The Contractor shall be responsible for notifying all utility companies prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal equipment will occur, the Contractor shall notify the appropriate Project Engineer immediately.

**The Traffic Group, Inc.**  
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1-800-583-8411  
Fax 410-931-6601

**GEOMETRIC LEGEND**

— EXISTING  
— PROPOSED

**UTILITY LEGEND**

— SD — STORM DRAIN  
— G — GAS MAIN  
— W — WATER MAIN  
— S — SEWER MAIN  
— E — ELECTRIC CABLES  
— A — AERIAL CABLES  
— T — TELEPHONE CABLES  
— F — FIBER-OPTIC

These plans are approved for construction for a period of 1 year from the date of approval. Should construction not begin within this time frame these plans shall be null and void without a re-review from the Traffic Engineering Design Division.

**APPROVALS**

TEAM LEADER  
ASST. DIR. CHIEF  
DIVISION CHIEF  
OFFICE DIRECTOR

**REVISIONS**

1. Add south leg of intersection, TS modification  
SHA No.: BW998M82  
FDB: [Signature]  
09/20/2007

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION

MD 80 (Fingerboard Road) at  
MD 355 (Worthington Boulevard)

**TRAFFIC SIGNAL PLAN**

SCALE 1" = 20' DATE Dec. 29, 2005 CONTRACT NO. BW998M82

DESIGNED BY JCC COUNTY Frederick  
DRAWN BY JCC LOGMILE 10000805.73  
CHECKED BY DSU TMS NO. T-541  
FAP NO. TOD NO.

TS NO. 4459A DRAWING - OF SHEET NO. 1 OF 2

BY: FBrownley